

Supplementary Table S1. Literature search through several databases and the results.

Database	Key words and the combination	Articles found through initial search (N)	Articles excluded based on selection criteria or were duplicates (N)	Articles qualified for full text review (N)	Articles selected for meta-analysis (ref. no.)
PubMed*	(candidiasis OR candidemia) AND (intensive care unit OR ICU) AND risk factors	581	522	59	#14, 15, 26-29, 30-35, 37-45, 47, 48, 51, 53-58, 60, 63
Cochrane	(candidiasis OR candidemia) AND (intensive care unit OR ICU) AND risk factors	42	42	0	-
Embase **	(candidiasis OR candidemia) AND (intensive care unit OR ICU) AND risk factors	566	560	6	#36, 52, 59, 61
Web of Science***	(candidiasis OR candidemia) AND (intensive care unit OR ICU) AND risk factors	677	676	1	-
Manual search		9	0	9	#16, 46, 49, 50, 62
Total number		1875	1800	75	41

* PubMed search filters: Abstract available, English, Chinese, Human

** Embase search filters: Abstract, English, Human

*** Web of Science search filters: Articles, English, Human